



#3

SEQUENCE LISTING

<110> Carroll, George C.

<120> Materials and Methods For Detection of
Pathogenic Guignardia Citricarpa

<130> Oregon 99-09

<140> 09/766,173

<141> 2001-01-19

<150> PCT/US01/01735

<151> 2001-01-19

<150> 60/177,013

<151> 2000-01-19

<160> 13

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 1

aaaaagccgc ccgacctacc t 21

<210> 2

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 2

gctacaacgc cgaaatgacc tt 22

<210> 3

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 3

gccgtcgccc agcactc 17

<210> 4
 <211> 641
 <212> rDNA
 <213> Guignardia Citricarpa

<400> 4

tttccgtagg	tgaacctgcg	gaaggatcat	tactgaaata	cgtaatcctg	aaaggtgatg	60
gaagggaggc	cttaaaaaag	ccgcccgcac	taccttcaca	cccttggtga	tctaccatgt	120
tgctttggcg	ggccgacccg	gttttgaccc	gggcggtcgg	cgccccagc	ctagtctcta	180
ggccaggacg	cctggctaag	tgcccggcag	tatacaaaac	tccagcgatt	attctgtgta	240
gtcctgagaa	ttcattttaat	gaaataaaaac	tttcaacaac	ggatctcttg	gttctggcat	300
cgatgaagaa	cgcagcgaaa	tgcgataagt	aatgtgaatt	gcagaattca	gtgaatcatc	360
gaatctttga	acgcacattg	cgccccctgg	cattccgggg	ggcatgcctg	ttcgagcgctc	420
atttcaacct	tcaagctctg	cttggtattg	ggcgacgtcc	gctgccggac	gcgcctggaa	480
gacctcggcg	acggcgctctc	agcctcgagc	gtagtagtaa	aatatctcgc	tttggaggag	540
gggggcgctg	gccgccggac	aatcgacctt	cggtcactat	ttttccaagg	ttgacctcgg	600
atcaggtagg	gatacccgct	gaacttaagc	atatcaataa	g		641

<210> 5
 <211> 618
 <212> rDNA
 <213> Guignardia Citricarpa

<400> 5

ttccgtaggt	gaacctgcg	aaggatcatt	actgaaatgt	aataacttct	attgaaaggt	60
tccagagtag	gcgctacaac	gccgaaatga	ccttctcacc	cttgtgtact	cactatgttg	120
ctttggcggg	tcgacctggt	tccgaccag	gcggccggcg	ccccagcct	taactggcca	180
ggacgcccgg	ctaagtgcc	gccagtatac	aaaactcaag	aattcatttt	gtgaagtcct	240
gatatatcat	ttaattgatt	aaaactttca	acaacggatc	tcttggttct	ggcatcgatg	300
aagaacgcag	cgaaatgcga	taagtaatgt	gaattgcaga	attcagtga	tcacgcaatc	360
tttgaacgca	cattgcgcc	tctggtattc	cggagggcat	gcctgttcga	gcgtcatttc	420
aaccctcaag	ctctgcttgg	tattgggcaa	cgtccgctgc	cggacgtgcc	ttgaagacct	480
cggcgacggc	gtcctagcct	cgagcgtagt	agtaaaatat	ctcgctttgg	agtgctgggc	540
gacggccgcc	ggacaatcga	ccttcggtct	atttttccaa	ggttgacctc	ggatcaggta	600
gggataccgc	ctgaactt					618

<210> 6
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 6

gctgcgttct	tcacgatgc	20
------------	-----------	----

<210> 7
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 7

gcacgatga	agaacgcagc	20
-----------	------------	----

<210> 8
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 8
 taaaaaagcc gcccgaccta c 21

<210> 9
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 9
 gctacaacgc cgaaatgacc 20

<210> 10
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 10
 atgccagaac caagagatcc 20

<210> 11
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 11
 tgcaattcac attacttatc gc 22

<210> 12
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 12
 tcctccgctt attgatatgc 20

<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 13
ggaagtaaaa gtcgtaacaa gg

22